

(2)

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/811,123

DATE: 03/30/2001

TIME: 15:05:13

Input Set : A:\GENENT073A2SEQLIST.txt

Output Set: N:\CRF3\03302001\I811123.raw

ENTERED

4 <110> APPLICANT: Sharon Erickson  
5       Ralph Schwall  
6       Mark Sliwkowski  
8 <120> TITLE OF INVENTION: METHODS OF TREATMENT USING ANTI-ErbB  
9       ANTIBODY-MAYTANSINOID CONJUGATES  
12 <130> FILE REFERENCE: GENENT.073A2  
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C--> 14 <141> CURRENT FILING DATE: 2001-03-16  
14 <150> PRIOR APPLICATION NUMBER: 60/238,327  
15 <151> PRIOR FILING DATE: 2000-10-05  
17 <150> PRIOR APPLICATION NUMBER: 09/602,530  
18 <151> PRIOR FILING DATE: 2000-06-23  
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22 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
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30 <223> OTHER INFORMATION: Humanized Antibody Sequence  
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39           35                   40                   45  
40 Gly Asp Val Asn Pro Asn Ser Gly Gly Ser Ile Tyr Asn Gln Arg Phe  
41   50                   55                   60  
42 Lys Gly Lys Ala Ser Leu Thr Val Asp Arg Ser Ser Arg Ile Val Tyr  
43 65                   70                   75                   80  
44 Met Glu Leu Arg Ser Leu Thr Phe Glu Asp Thr Ala Val Tyr Tyr Cys  
45           85                   90                   95  
46 Ala Arg Asn Leu Gly Pro Ser Phe Tyr Phe Asp Tyr Trp Gly Gln Gly  
47           100                   105                   110  
48 Thr Thr Leu Thr Val Ser Ser  
49           115  
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54 <212> TYPE: PRT  
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63 1                   5                   10                   15  
64 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Thr Asp Tyr

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66 Thr Met Asp Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
67          35          40          45
68 Ala Asp Val Asn Pro Asn Ser Gly Gly Ser Ile Tyr Asn Gln Arg Phe
69          50          55          60
70 Lys Gly Arg Phe Thr Leu Ser Val Asp Arg Ser Lys Asn Thr Leu Tyr
71 65          70          75          80
72 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
73          85          90          95
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93          20          25          30
94 Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
95          35          40          45
96 Ala Val Ile Ser Gly Asp Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
97          50          55          60
98 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
99 65          70          75          80
100 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
101          85          90          95
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122 Val Ala Trp Tyr Gln Gln Arg Pro Gly Gln Ser Pro Lys Leu Leu Ile
123          35          40          45

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127 65                      70                      75                      80
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130 Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg Thr
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147      20                      25                      30
148 Val Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
149      35                      40                      45
150 Tyr Ser Ala Ser Tyr Arg Tyr Thr Gly Val Pro Ser Arg Phe Ser Gly
151      50                      55                      60
152 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
153 65                      70                      75                      80
154 Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Tyr Ile Tyr Pro Tyr
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156 Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg Thr
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162 <212> TYPE: PRT
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165 <220> FEATURE:
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173      20                      25                      30
174 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
175      35                      40                      45
176 Tyr Ala Ala Ser Ser Leu Glu Ser Gly Val Pro Ser Arg Phe Ser Gly
177      50                      55                      60
178 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
179 65                      70                      75                      80
180 Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Asn Ser Leu Pro Trp
181      85                      90                      95
182 Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg Thr

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192 <223> OTHER INFORMATION: Vector Sequence
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198 tcccaccaag gacgacccgt ctgcgacaaa acggatgagc ccatcagaca aagacatatt 180
199 cattctctgc tgcaaaacttg gcatagctct gctttgctgg ggcattgggg gaagttgcgg 240
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203 ttatatTTTT accaataaga ccaatccaat aggtagatta ttagttacta tggttaagaaa 480
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Input Set : A:\GENENT073A2SEQLIST.txt

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L:14 M:270 C: Current Application Number differs, Replaced Current Application No

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date